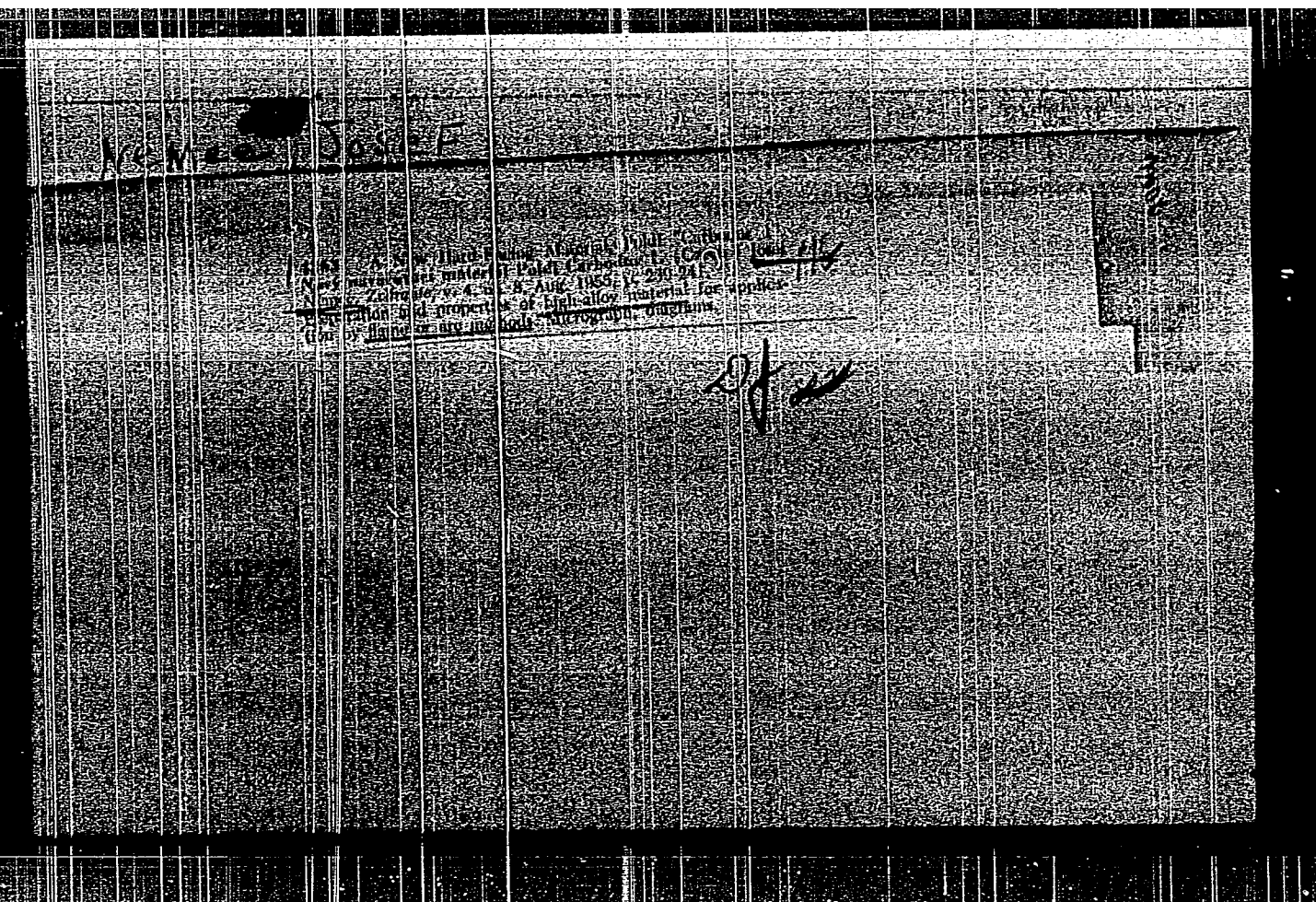
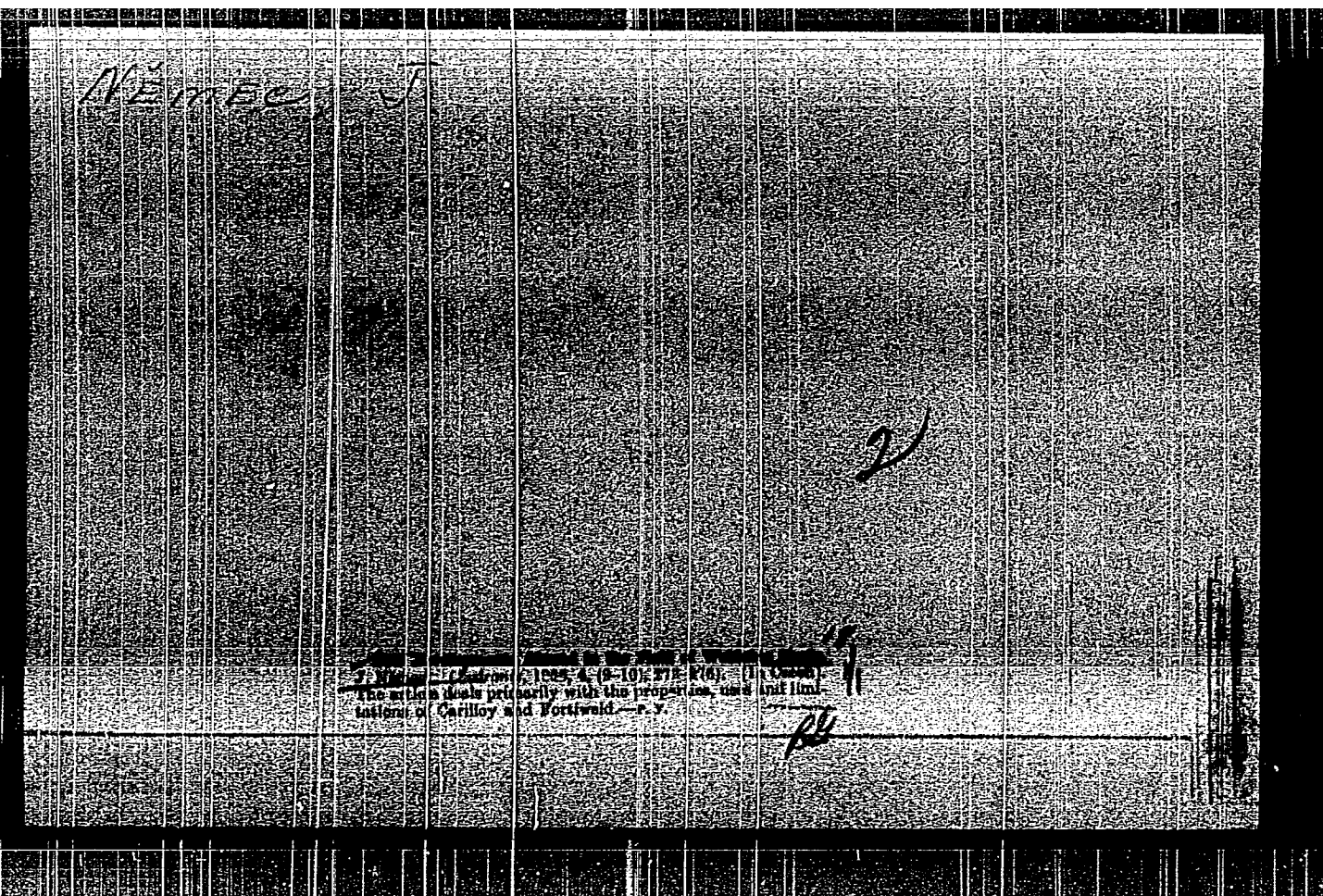






NEMEC, JOSEF

Effect of welding on Columbium-bearing Steels
for use in steam turbines at 600 C. Symposium on High-Tem-
perature Materials, 1964, p. 600. (Czech.) Josef Nemecek, Zbornik
pro prouky (Prague), v. 8, no. 1, Jan. 1964, p. 18-21.
Effect of initial ferrite content and various heat treatments on
the strength and toughness of welded metal. Causes, nature,
and prevention of internal stresses and cracking. Graphs, table.

met

of
RPA

NEST, I.

Control of the growth of steel in steel pipes and superheaters at temperatures above 400° C. p. 73. V. 1111111111. (Uradno normalizaci) Trzbo. Vol. 5, no. 4, Apr. 1956.

SOURCE: East European Accessions List, Vol. 5, no. 1, September 1956

11E m/c

2

Welding Technology with the Electrode Containing 18% Cr, 9% Ni, 0.5% Mo, and 0.05% N is discussed. Further data, relating mainly to ferrite control in the welds, are given in the discussion of the article by A. Kleander.

NEMEC, J.

Study of the processes occurring during the welding of stays in boilers with steel hearths.

P. 199 (Železní Technika) Vol. 5, No. 8, Aug. 1957, Czechoslovakia

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC. - VOL. 7, NO. 1, JAN. 1958

N. MEC, 1.

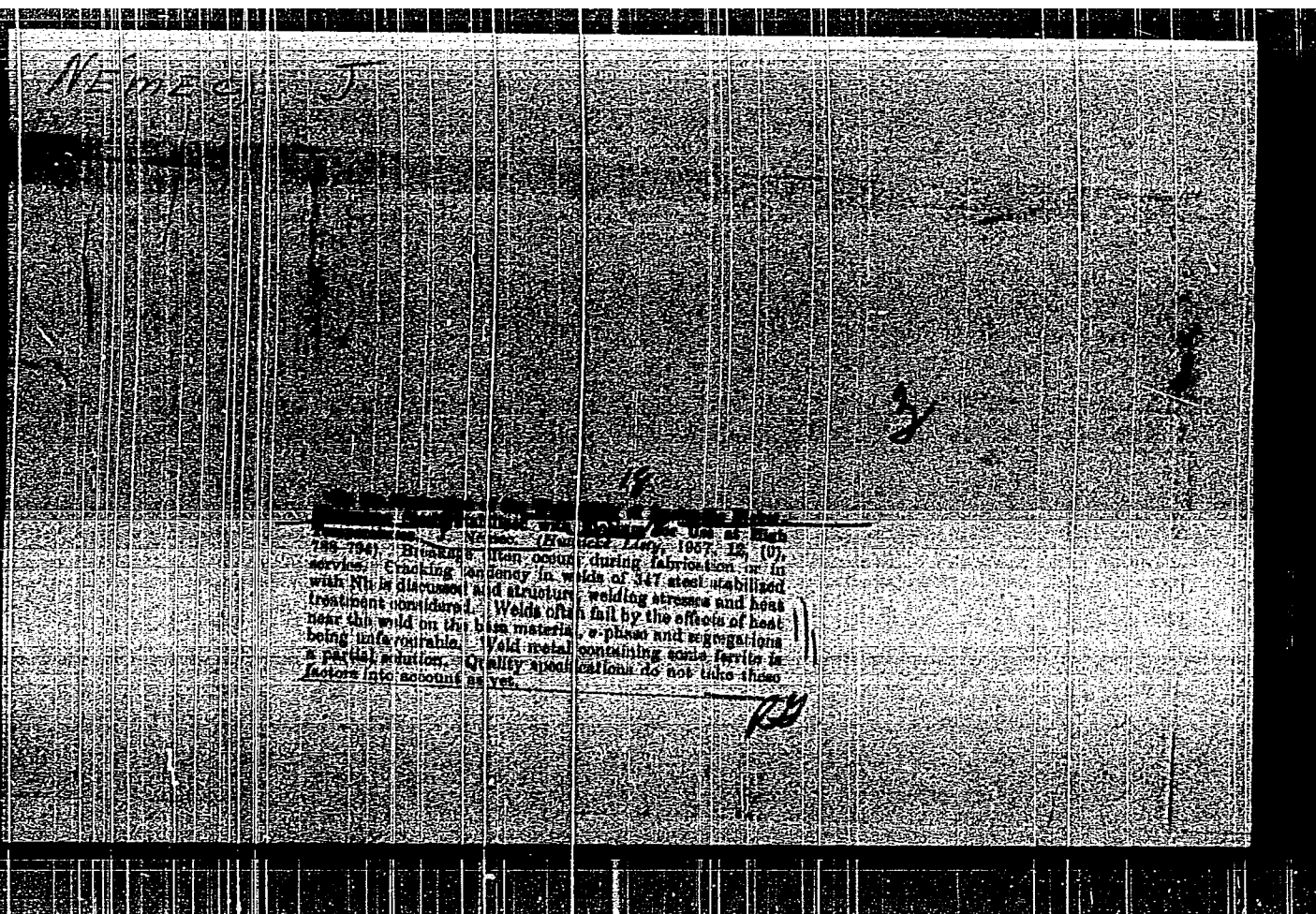
Welding stainless steel by consumable electrodes in an argon atmosphere.

P. 337. (SVANIK.) (Bratislava, Czechoslovakia) Vol. 6, No. 11, Nov. 1957

SO: Monthly Index of East European Accession (LAI) L. Vol. 7, No. 5, 1958

Resistance to intercrystalline corrosion of welded joints made of unstabilized 18/8 steel. (Slovak Republic, Bratislava, Czech.) *Průmysl 24, 306-33 (1957)*. — During elec. welding the joints were sprinkled with water, thus reducing the intercryst. corrosion of unstabilized 18/8 steel. Care was exercised that by water or steam reached the elec. arc. In steels contg. 0.15-0.1% C the resistance to intercryst. corrosion was greatly increased, but not fully avoided. The steels contg. the same amt. of C were fully free from such corrosion whether cooled with water or not cooled at all. In steels contg. 0.11% C, elec. welding with simultaneous water cooling the region of intercryst. corrosion was narrowed but otherwise not avoided.

H. J. Hendel



NEMEC, Jozef

POLAND/Chemical Technology, Chemical Products and Their
Application, Part 1.- Corrosion, Protection from
Corrosion.

H-4

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 32819.

Author : Jozef Nemec.

Inst : Not given.

Title : Resistance of Non-Stabilized Steels of 18-8 Type to Inter-
crystallite Corrosion in Welding Zone.

Orig Pub: Hutnik (Polska), 1957, 24, No 9, 356-363.

Abstract: General considerations concerning the causes producing
intercrystallite corrosion (IC) in joint zones of
steels of the 18-8 type and in the same steels alloyed with
1.5 to 2.5% of Mo. The part of the heating at 650° is
noted. It is pointed out that the disposition to IC is
one of the indices of the welding capacity of metal. The

Card : 1/3

Application, Part 1.- Corrosion, Protection from
Corrosion.

POLAND/Chemical Technology, Chemical Products and Their
Application, Part 1.- Corrosion, Protection from
Corrosion.

H-4

Abs Jour: Referat. Zhurnal Khimiya, No 10, 1958, 32819.

show the tendency to IC; 4/ the method of heating the
samples in the solution of HNO_3 with NaF is more effective
than the method of boiling in CuSO_4 solution with
sulfuric acid. But a dispersion of points and non-
coincidence of test results take place in the first
case, consequently, the 2nd method is recommended for
the determination of the tendency to IC.

Card : 3/3

Title : Corrosion of Welded Joints of Corrosion-Resistant
and Fireproof Steels

Orig Pub: Zvaranie. 1958. 7. No 7, 193-196

NEMEC, J.

"Problems in stainless steel welding from the point of view of inter-crystalline corrosion." p. 74.

ZVARANIE. (Ministerstvo hutneho prumyslu a rudnych bani a Ministerstvo strojarenstva). Bratislava, Czechoslovakia, Vol. 8, No. 3, Mar. 1959.

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 8,
August 1959.
Uncla.

NAME, Josef

Device for semi-automation. Chem listy 18 no. 9:1064-1069
S 164.

1. Laboratory of Biomechanics, Higher School of Technical
Technology, Prague.

NEMEC, Josef, doc. dr. inz.

Sixty-fifth birthday of Professor Antonin Benes.
Zvaranie 13 no.12:358 D 64.

L 31772-66 EWP(k)/EWP(h)/T/EWP(l)/EWP(t)/EWP(v)/EWP(w)/ETI
 ACC NR: AP6021694 SOURCE CODE: CZ/0032/66/016/001/0003/0006

AUTHOR: Nemec, J.---Nemets, Ya. (Engineer; Professor; Doctor of sciences)

ORG: Czech Institute of Technology, Prague (Česke vysoké učení technické)

TITLE: Modern methods of calculating the rigidity and strength of machine parts

SOURCE: Strojirenstvi, v. 16, no. 1, 1966, 3-6

TOPIC TAGS: material fracture, plasticity, steel structure

ABSTRACT: The load capacity of a steel structure is analyzed from three different points of view, using three different methods of computation. The following limiting states are considered: in the first case, the static load and favorable plastic properties of the material; in the second, the static load under conditions which may lead to brittle fracture; and in the third, load varying with time which may result in fatigue failure. A beam with fixed ends and made of 11 523 steel is taken as an example. The calculations give nine results for the load capacity of the beam. In the computations modern theories are demonstrated that should be applied when ascertaining the rigidity and strength of machine parts and steel structures. Orig. art. has: 6 figures and 1 table. [Based on author's Eng. abst.] [JPRS]

SUB CODE: 13, 20 / SUBM DATE: none

Card 1/1 RB UDC: 621.81-4:539.3/4:539.55:624.014.2.072

INMEC, JURAS

SOVINOVA, Olga, MUDr.; TUMOVA, Bela, RNDr.; POUSTKA, Frantisek, MVDr.
HRMEC, JuraJ, Mst.

Isolation of virus responsible for respiratory diseases in horses.
Cesk. epidem. mikrob. imun. 6 no.4:213-220 July 57.

1. Ustav epidemiologie a mikrobiologie v Praze, reditel prof. Dr.
Karel Raska Veterinarne zdravotni sluzba ministerstva zemedelstvi a
UNV, Praha.

(HORSES, diseases,
influenza A-like resp. infect., isolation of virus (Cz))
(INFLUENZA VIRUSES,
influenza A-like virus causing resp. dis. in horses,
isolation (Cz))

NEMEC, Juraj

SOVINOVA, O.; TUMOVA, B.; POUSKA, F.; NEMEC, Juraj

Isolation of a virus causing respiratory disease in horses. Acta virol. Engl. Ed., Praha 2 no.1:52-61 Jan-Mar 58.

1. Institute of Epidemiology and Microbiology, Prague (for Sovinova and Tumova). 2. Veterinary Health Service, Ministry of Agriculture. (for Pouska). 3. Central National Committee, Prague. (for NemeC).

(VIRUS

virus causing resp. dis. in Czech. horses, serol.)

(HORSES, dis.

viral resp. dis. in Czech. horses)

NEMEC, K.

Calculating torsion stiffness of crankshafts. p. 67. (Strojirenstvi. Vol. 6, No. 1, Jan 1956, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 2, Aug 1956. Encl.

NEMEC, Y.

Calculating the balance of engines by the opposed vector method.

P. 399. (AUTOMOBIL) (Praha, Czechoslovakia) Vol. 1 no. 12, Dec. 1957

SO: Monthly Index of East European Accession (EEAI) LC Vol 7 No. 5, May 1976

NEMEC, K.; SPATA, B.

"Methods for elimination of dangerous torsional vibration of high-speed diesel engines."

Czechoslovak Heavy Industry. Prague, Czechoslovakia. No. 2, 1959

Monthly list of East European Accessions (EEAI), LC, Vol. 8, No. 6, Jun 59, Unclass

HEMEC Karel

Effect of technical development on the training of apprentices in machine factories. Podnik organizace 16 no.12:548-551 D '62.

1. Technicko-organizacni vyzkumy ustav strojirensky.

NEMEC, Karel

Effect of mechanization and automation on technical education.
Podnik organizace 17 no.1:25-26 Ja '63.

1. Technicko-organizační výzkumný ústav strojírenský.

MMMR, Karla

Main problems of the increase of workers' qualifications in machine factories. Bohring 18 no. 1458-461 G '64.

1. Research Institute of Mechanical Engineering and Economics, Prague.

MADEROVA, Vera, NEMEC, Karel

Some problems of labor and qualifications in introducing automation in the machine industry. Podn org 19 no.1:9 Ja '65.

1. Research Institute of Mechanical Engineering and Economics. Prague.

NEMEC, Karel

New jobs in the machine industry. Boho org 19 April 1968. 1a. 68.

1. Research Institute of Mechanical Engineering and Economics,
Prague.

NEMEC, K.

Discussion of the problems of tariff and qualification classes in
piece production. Podn org 19 no.3:116-119 Mr '65.

L 47549-56
ACC NR:

AT6029439 (N) SOURCE CODE: CZ/0000/63/000/000/0420/0432

AUTHOR: Oktavec, Karel (Engineer); Nemecek, Karel (Engineer)

ORG: Research Institute for Petroleum Engines. Prague (Vyzkumny ustav naftovych motoru)

TITLE: Dynamic of a ship aggregate with nonlinear elastic coupling

SOURCE: Celostatna konferencie o problemoch dynamiky strojov. 2d, Smolenice, 1961. Dynamika strojov (Dynamics of machines); sbornik prac z konferencie SAV. Bratislava, Vyd-vo SAV, 1963, 420-432

TOPIC TAGS: elastic coupling, ship aggregate, torsional vibration

ABSTRACT: In ship power plants, consisting of a diesel motor, a gearbox, a line shaft, and a propeller, it is usually necessary to examine three types of torsional vibration. While the first two types of oscillation are determined mainly by the flywheel-gearbox-propeller system, the third type is determined by the system of the engine itself. It is useful to separate dynamically the system of the engine from the rest of the aggregate by using an appropriate elastic coupling. When using an elastic coupling with a linear characteristic curve, it is often necessary

Card 1/2

L 47549-66

ACC NR: AT6029439

to prohibit the operation at a certain speed range of the engine. Operational safety can best be served, theoretically, by using an elastic coupling with a progressive characteristic curve which is matched to the characteristic curve of the propeller. Such a coupling is difficult to realize. The demands can be met, however, by using an elastic coupling with a broken characteristic curve, whose initial torsion rigidity is much lower than its ultimate torsion rigidity. The Czechoslovak analogue computer MEDA was used to determine the best torsional vibration and the optimal parameters for the coupling. It was proven that the use of an elastic coupling with broken characteristic curve is of advantage in the case of marine power plants with broad range of normal cruising speeds. Orig. art. has: 9 figures and 16 formulas. [Translation of authors' abstract] [KS]

SUB CODE: 13/ SUBM DATE: none/ ORIG REF: 002/ OTH REF: 002/

Card 2/2 vmb

NEMEC, L.

Attempts at aviation records and their recognition. p. 406.

(Kridla Vlasti. No. 13, June 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 10, October 1957. Uncl.

NEMEC, L.

Records in Czechoslovak aeronautics.

P. 6. (KRIDLA VLASTI.) (Praha, Czechoslovakia) No. 1, Jan. 1958

SO: Monthly Index of East European Accession (LEAI) LC. Vol. 7, No. 5, 1958

Nemec, I.

Some information on power consumption in French production of mortar products. p. 182. ENERGETIKA. (Ministerstvo paliv a energetiky. Hlavni sprava elektraren) Praha. Vol. 6, no. 4, Apr. 1956.

Source: EEAL LC Vol. 5, No. 10 Oct. 1956

NEMEC, L.

The polarograph with a direct recording LP 60. Jemna mech opt
5 no. 3:92-93 Mr '60.

1. Laboratorni pristroje, n.p., Praha.

MEMEC, L.

An electron tube compensation recorder. Jemna mech opt 5 no.3:
97-98 Mr '60.

1. Laboratorni pristroje, n.p., Praha.

NEMEC, L., inz.

Contribution to the experimental determination of diffusion
parameters of gases in the amos here. Meteor zpravy 16
no.3/4:66-68 Ag '63.

1. Vyzkumny ustav energeticky.

NEMEC L.

Category: Czechoslovakia/Fitting Out of Laboratories. Instruments, H.
Their Theory, Construction and Use.

Abs Jour: Referat Zhur-Khimiya, No 9, 1957, 31179

Author : Grubner O., Dvorak J., Nemeš L.

Inst : not given

Title : Countercurrent Electrophoresis on Paper. II. Equipment.

Orig Pub: Sb. chekosl. khim. rabot, 1956, 21, No 4, 1068-1072

Abstract: See RZhKhim, 1956, 75470

Card : 1/1

-26-

NEMEC L.

NEMEC, L. Counter current electrophoresis on paper. 11. Apparatus.
p. 148 Vol. 50 no. 1 Jan. 1956 Chemicke Listy, Praha
CZECHOSLOVAKIA

SOURCE: EAST EUROPEAN ACCESSIONS LIST (EEAL) VOL 6 No 4 April 1957

NEMEC, I.

CZECHOSLOVAKIA / Laboratory Equipment. Apparatuses.

F

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 67394.

Author : Nemec L., Smoler I.

Inst : Not given.

Title : Apparatus for the Investigation of i-t Curves.

Orig Pub: Chem. listy, 1957, 51, No 10, 1958-1960.

Abstract: This apparatus consists of a two stage electronic amplifier (of 1000 amplification coefficient), that amplifies and modifies (by means of controlling the rate of Hg drops) the sharp impulses for subsequent use in a relaxation relay (RR)-multi-vibrator with two stable states. A telephone type relay is hooked up into the anode circuit of RR

Card 1/2

CZECHOSLOVAKIA / Physical Chemistry. Electrochemistry. B-12

Abs Jour: Ref Zhur-Khimiya, No 23, 1958, 76829.

Author : Nemec, L.

Inst : Not given.

Title : The Measurement of the Average Value of Polarographic Currents with a Moving-Coil Galvanometer.

Orig Pub: Chem listy, 52, No 2, 330-335 (1958) (in Czech).

Abstract: A precise method for the determination of the average value of the polarographic current for any given type of dependence of the instantaneous current on the time and for any [sic] galvanometer is described. The values obtained with the above-described method differ from the sometimes used arithmetic mean of the oscillations only in the case of curves with large unsymmetrical oscillations.

Card 1/1

NEMEC, Ladislav; PETZELT, Bedrich

Universal gas chromatograph Chrom II. Chem listy 57
no. 4:364-371 Ap '63.

1. Polarografický ústav, Československá akademie věd, Praha
(for Nemeš). 2. Laboratorní přístroje, n.p., Praha (for
Petzelt).

CZECHOSLOVAKIA

NEMEC, L

VAVRICKA, S; NEMEC, L; ADRIKA, J.

1. Department of Physical Chemistry, Masaryk University,
Prague (for 1); 2. J. Heyrovsky Institute of Polarography,
Czechoslovak Academy of Sciences, Prague (for 1).

Prague, Collection of Czechoslovak Chemical Communications,
No 3, March 1966, pp 947-948

"The influence of adsorption of tetrabutylammonium ion
on the structure of the mercury-water interface."

NEMEC, Lubomir, inz. GSc.

Technology of high-speed veneering with preheating. Drevo 19 no.
12:445-450 D '64.

1. Association of Wood Industry Enterprises, Zilina.

NEMEC, Lubomir, inz.

Production line for blockboard cores. Drevo 18 no.7:253-257
Jl '63.

1. Preglejka, n. p., Zarnovica.

HALUZICKY, M.; NEMEC, M.; CMELIK, M.; SCHONHERZOVA, K.

Evaluation of conservative therapy of scolioses. Acta chir. orthop.
traum. cech. 29 no.4:328-332 Ag '62.

1. Orthopedicka klinika fakultnej nemocnice v Kosiciach, predn. doc.
M. Haluzicky.

(SCOLIOSIS)

CZECHOSLOVAKIA

NEMEC, M; KOVAR, Z; CMELIK, M.

Orthopedic Clinic UPJS (Ortopedicka klinika UPJS),
Kosici

Bratislava, Lekarsky obzor, No 7, 1963, pp 423-426

"Congenital Scoliosis."

CZECHOSLOVAKIA / Forestry. Forest Economy

K-

Abs Jour: Ref Zhur-Biol., No 13, 1958, 58392

Author : Nemec, M.

Inst : Not given

Title : The Conversion of Brush Forests Into Full-Grown Forests

Orig Pub: Lesn. prace, 1956, 35, No 10, 471-473

Abstract: The actuality of this problem in Czechoslovakia is explained by a very low increment of short-stemmed forest stands grown on bottom lands. The deterioration of ground-soil conditions is noticed under the poor brushwood thickets: in addition, these thickets perform their water conservation functions badly. The decision of the con-

Card 1/2

NEMEC, V.

"Protection of agricultural machines through anticorrosive paints."

MECHANISACE ZEMEDELSTVI, Praha, Czechoslovakia, Vol. 3, No. 7, July 1959.

Monthly List of East European Accessions (EIAI), LC, Vol. 8, No. 9, September 1959.

Unclassified.

24288

Z/032/61/011/008/007/009
E073/E535

1.1800

AUTHORS: Smrčková, J. and Němec, M.

TITLE: Combination of varnish coatings with a (sprayed-on) chemically reduced silver layer

PERIODICAL: Strojirenství, 1961, Vol.11, No.8, p.635

TEXT: The classical method of reduction of silver coatings from silver nitrate by means of formaldehyde can also be effected by spraying by means of a two-nozzle spray-gun. Reduction of the silver takes place on the activated surface of the body immediately after impingement of the finely atomized solutions. The formed coating is about 3 μ thick, non-porous and adheres strongly to metal, glass and organic materials. To prevent pumping, a transparent varnish is provided on top of the silver coating. This method is particularly favourable in the timber industry (as a substitute for imported metal foils) and for treatment of small size consumer goods.

1959, Prague: SVÚOM 14/59.

[Abstractor's Note: Virtually complete translation.]

Card 1/1

CERVENY, L., inz.; NEMEC, M.; HUSAK, B., inz.

Removable coatings protecting electric machines during the
impregnation of winding. Strojirenstvi 12 no.7:520-522 Ji '62.

1. Statni vyzkumny ustav ochrany materialu, Praha (for Cerveny
and Nemecek). 2. Hutni projekt, Praha (for Husak).

L 32236-66 EWP(j) RM

ACC NR: AP6020831

SOURCE CODE: CZ/0031/65/013/010/0686/0692

AUTHOR: Cervený, Ladislav (Engineer); Nemec, Miloslav

ORIGIN: [Cervený] Institute of Warehousing Management, Prague (Ústav skladového hospodářství); [Nemec] State Research Institute for Economic Use of Material, Prague (Státní výzkumný ústav ochrany materiálu)

SUBJECT: Airtight packaging^{1b} of large engineering products

17
B

SOURCE: Strojírenská výroba, v. 13, no. 10, 1965, 686-692

TOPIC TAGS: packing material, packaging machinery

ABSTRACT: The article discusses the problems of temporary protection and packaging of engineering products for exacting warehousing and transportation. The methods and materials used are described and cost estimates are given. Orig. art. has: 5 figures and 4 tables. [JPRS]

SUB CODE: 13 / SUBM DATE: none / ORIG REF: 010

Cord 1/-

UDC: 621.798:382: 621.798.4: 679.5:621.798

NEMEC, M.; BRAC, P.; SEKALA, M.

Does influenza have an influence on premature labor? *Česk. gynek.* 29 no.6:567-569 Ag '64.

1. Gyn.-por. odd. I. mest. nemocnice Mestskeho ustavu narodneho zdravi v Brne (vedouci MUDr. M. Nemec) a Statisticke odd. Krajskeho narodneho vyboru v Brne (vedouci inz. M. Sekala).

HALUZICKY, M.; KOVAR, Z.; NEMEC, M.

Comments on the surgical treatment of coxa vara in adolescents.
Acta chir. orthop. traum. Tech. 31 no.4:248-251 Ag 1964.

1. Ortopedická klinika lékařské fakulty v Košicích, (prednosta
doc. dr. M. Haluzický, CSs.).

HALUZICKY, M.; KOVAR, Z.; VEMEC, M.

Bone marrow transplantation in bone tumors and similar diseases.
Acta chir. orthop. traum. Cech. 32 no.1:69-73 F'65.

1. Ortopedická klinika Lékařské fakulty University P.J. Šafárika
v Kosičích (prednosta: doc. dr. M. Haluzický, CSc.).

HALUZICKY, M.; NEMEC, M.; KOVAR, Z.

Transposition of the greater trochanter in the treatment of coxa
vara in infants. Bratislava lek. listy 45 no.2:76-80 31 Ja '65

1. Ortopedická klinika Dr. J. J. Šafárika v Košiciach
(vedúci doc. MUDr. M. Haluzický, (21.)).

NEMEC, M.; KOVAR, Z.; KACHNIC, M.

Roentgenological changes of the osteoarticular system in
ulcus cruris. Acta chir. orthop. traum. Cech. 32 no.3:254-261
Je '65.

I. Ortopedicka klinika (prednosta doc. dr. M. Haluzicky) a
kozna klinika (prednosta doc. dr. E. Maly; Lekarskej fakulty
University P.J. Safarika v Kosiciach.

NEMEC, Milan. inz.

Discharge of chip bins by low-pressure steam. Papir a
celulosa 18 no.11:217-218 N'63.

1. Vratimovske papirny, Vratimov.

NEMEC, Milos, Dr.

Effect of allicine on vaginal Flagellata and on their infections.
Cesk. gyn. 19 no.5:336-338 Sept 55.

1. Z KUNZ - Klin. porodnice v Brne, red. MUDr. Antonin Cernoch.
(TRICHOMONIASIS, therapy,
vaginal, garlic phytoncide allicine)
(VAGINA, diseases,
trichomoniasis, ther., garlic phytoncide allicine)
(GARLIC,
phytoncide allicine, ther. of vaginal trichomoniasis)

NEMEC, Milos (Brno, Stalingradske nam. 5.)

Premature labor in women working in textile mills. Cas. gyn. 23[37]
no.4:287-291 June 58.

L. III. gyn. por. odd. krajske klinicke porodnice v Brne, prednosta
doc. Dr. A. Cernoch.

(LABOR,

premature in women working in textile mills (Cz))

(INDUSTRY AND OCCUPATIONS,

premature labor in textile workers (Cz))

NEMEC, Mojmir

Prostatectomy without a urethral catheter. Rozhl.chir.39 no.7:
461-465 J1'60.

1. Urologická klinika fakultní nemocnice University v Brně,
prednosta prof. MUDr. K. Neuwirt.
(PROSTATECTOMY)

NEMEC, Miroslav

ZEMAN, E., doktor, dotsent; ~~NEMEC, M.~~, [Nemec, M.], doktor

Kidney disorders in patients with adenoma of the prostate. Urologia
no.3:22-25 '61. (MIRA 14:12)

1. Iz urologicheskoy kliniki (sam. zav. - dotsent E. Zeman)
Universiteta imeni Ya. E. Purkn'ye, Brno (Chekhoslovakiya)

(PROSTATE GLAND—DISEASES) (KIDNEYS—DISEASES)

NEMEC, Oldrich, inz.

Experiences in the performance measurement of the new KSV 33 E
cutter loader. Uhli 5 no. 12: 408-410 D '63.

1. Ustav uhelneho strojirenstvi, Opava.

BETINCOVA, M.; NEMEC, J.

Presence of antigenic substances in the plasma of patients with their sensitivity to antibodies. Dokl. epidem. 13: 1512-1514, 1964.

1. Odstav epidermálních antigenů a jejich vztah k mikrobiologické mikrobiologii. Antigeny a jejich vztah k mikrobiologii.

NEMEC, Pavol, inz.

Progressive crosswise winding. Sdel tech 11 no.1:16-20 Ja
'63.

SURNAME, Given Names

Country: Czechoslovakia

Academic Degrees: Dr, Professor

Affiliation: Corresponding member of SAV/Slovenska akademia ved; Slovak Academy of Sciences/ and Chemical Faculty, SVST /Slovenska vysoká škola technická; Slovak Institute of Technology/ (Chemická fakulta SVST), Bratislava.

Source: Bratislava, Nasa Veda, Vol VIII, No 8, 1961, pp 462-470.

Data: "Man and Nature."

GPO 981643

11/11/86

SURNAME, Given Name

Country: Slovenia

Academic Degrees: Dr. Phil. Soc.

Affiliation: Corresponding Member of the Slovenian Academy of Sciences and Arts; Institute of Sciences, Ljubljana

Source: Ljubljana, Mlada Gleda, Vol. VIII, No. 11, Nov. 11, 1972-73.

Data: "Name and Nature."

001 0015.0

NEVRTAL, Milan; NEMEC, Pavel

Ballistocardiography in coronary disease. Scr. med. fac. med.
Brunensis 35 no.6/7:296-307 '62.

1. Oddeleni experimentalni mediciny katedry patologicke fyziologie
lekarske fakulty University J.E.Purkyne v Brne. Vedouci: doc. MUDr.
Jaromir Vasku, CSc. MUNZ -- OZS Brno-Turany.
(BALLISTOCARDIOGRAPHY) (CORONARY DISEASE)

NEMEC, Pavel, prof. dr., BREZAK, Ladislav

Enrichment of bakery products by the B₁₂ vitamin in using
fermented grain steep liquor and brewery yeast. From
potravin 19 no.11:565-567 N 162.

1. Slovak Higher School of Technology, Bratislava (Czechoslovakia).
2. Mlyny a cukrovarne National Enterprise, Bratislava (Czechoslovakia).

1ST AND 2ND ORDER																										3RD AND 4TH ORDER																									
PROCESSING AND PROPERTIES INDEX																																																			
CA Antibiotic properties of some higher fungi. Pavol Nemec. Chem. Zvesti 1, 169-73(1947).—Aq. ext. of <i>Polyporus (Phellinus) igniarius</i> subspecies <i>pinastri</i> and especially <i>Polyporus sulfureus</i> are strongly antibiotic even in weak concn. against air microorganisms and bacteriostatic against <i>E. coli</i>. Aq. exts. from <i>Verpa bohemica</i>, <i>Polyporus squamosus</i>, <i>P. igniarius</i>, <i>P. punicola</i>, <i>P. betulinus</i>, and <i>Chalcophanes</i> are not effective. Ibid. 204-9. Aq. ext. of <i>Polyporus sulfureus</i> is strongly antibiotic against <i>E. coli</i>, less to <i>Mycobacterium opacum</i>, and still less to <i>Staphylococcus aureus</i>. Jan Miska																																																			
ASB. S.L.A. METALLURGICAL LITERATURE CLASSIFICATION																																																			

77

6A

The function of trace elements in the nutrition of plants
 Pavel Nejcek, Ludovik Pastyrk, and Robert Nalvornik
 (Slovak Tech. Univ., Bratislava, Czech.). *Chem.
 Zvesti* 4, 149-68(1950).—ME-40, composed of 10 parts
 B, 7 Mn, 1 Cu, 1 Zn, 0.05 I, 0.05 Br, 0.1 Ti, 0.05 Sn,
 0.05 Li, 0.1 Ni, 0.1 Co, and 250 citric acid or NH₄ citrate
 and superphosphate and further dild. by superphosphate
 in the ratio 1:0.05 was prepd. The increase in growth
 and no. of the leaves in the seedlings of *Prunus avium*
 and *Prunus spinosa* was observed if cultivated on the
 fields fertilized by ME-40. *Prunus spinosa* showed a
 direct dependence of the growth and no. of the leaves on
 the amt. of added trace elements. Jan Micka

CA

The function of trace elements in the nutrition of plants
 II. P. Nemec, L. Pastýrik, M. Tesdová, A. Lux, and J. Votlík (Slovak Tech. Univ., Bratislava, Czech). *Chem Zvesti* 3, 251-7 (1951), cf. C. I. 44, 1951g. The favorable influence on the growth of *Prunus avium*, *Malus edulis*, and *Pyrus communis* of trace elements, applied in the form MB-49 (C. I. 44, 1951g) is carried through into the following period of vegetation, even into the following year, if the optimal dosage is used. In the test plants with the

110

optimal dosage of I, the increase in growth is doubled even in the second year after application and the thickness and no. of leaves and roots are increased. I decreases the frequency of diseases and improves the physiol. condition and I prolongs the vegetation period of *Prunus insidiosa* and increases the callus formation in *Rosa polyantha*, *Torreya californica*, and *Chamaecyparis obtusa* var. *tetragona*. III. P. Nemec, J. Votlík, L. Pastýrik, and R. Nádvozník (Slovak Tech. Univ., Bratislava, Czech). *Ibid.* 272-32. Expts. with tomato plants (*Solanum lycopersicum*) indicate that such important production factors as fertility and formation of sugar, size of the fruit, health of the plant and the yield are dependent on the presence of trace elements derived from MB-49 and 0.05 Cu and reduction of B from 10 to 5 parts. The physiol. factors, as affected by trace elements, are dependent on each other. Lab. expts. as well as practical tests in agriculture show that the use of a complex of trace elements, and not individual elements, is necessary. Jan Mlýk.

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(Chemicke Zvesti. Vol. 5, no. 8, Oct. 1951. Bratislava.)

SO: Monthly List of East European Accessions, Vol. 3, no. 6, Library of Congress, June 1954.
Uncl.

NEMEC, P.

"Influence of microelements on Saccharomyces cerevisiae."

Chemické zvesti, Bratislava, Vol. 6, No. 1/2, Sept./Oct. 1962, p. 1

SO: Eastern European Accessions List, Vol. 3, No. 10, Oct. 1964, pp. 1 of 10 pages

MEEC, P.

MEEC, P.; VEBLAY, I. "Pilot production of yeast with the aid of microelements."
Chemické zvesti, Bratislava, Vol. 6, No. 7/1, Nov./Dec. 1961, p. 51.

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NEMEC, P. GINTEROVA, A. GINTER, E. Antibiotic properties of one strain of asymmettic penicillin. p. 770

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 5,
May 1959, Unclass.

CZECHOSLOVAKIA / Microbiology - Industrial Microbiology. F

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38399.

Author : Veliky, I., Nemec, P.

Inst : Not given.

Title : Experimental Data on the Effect of Trace Elements on *Saccharomyces Cerevisiae* Metabolism.

Orig Pub: Biologia, 1957, 12, No 2, 90-101.

Abstract: By addition of a trace element mixture MEB-49 (B, Mn, Cu, Zn, I, Br, Ti, Sn, Li, Ni, Co, N₂) to the industrial raw material utilized as a nutrient medium in production of bakers' yeasts, a decrease in alcohol formation can be attained.

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Cancerostatic action of beta-naphthylisothiocyanate. Neoplasma, Bratisl. 5 no.2:207-208 1958.

1. Faculty of Chemistry, Slovak Polytechnical University, Bratislava.
Authors' address: Prof. Dr. P. Nemecek and co-workers, Chemická fakulta Slovenskej vysokej školy technickej, Bratislava, Kollárovo námestie 1.

(CYANATES, effects,

β-naphthylisothiocyanate, on exper. cancer)
(CYTOTOXIC DRUGS, effects,
same)

NEMEC, P.: BETINA, V.

"Antibiotic properties of mushrooms isolated from nature in the Bratislava area"

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Antibiotic properties of soil fungi from Bulgaria. Folia microbiol
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1. Department of Technical Microbiology and Biochemistry, Faculty
of Chemistry, Slovak Technical University, Bratislava.
(Bulgaria--Soils) (Antibiotics)
(Bulgaria--Fungi)

NEMEC, Pavel; BETA, Vladimir; MIKO, Milan; VNEK, Jan

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KRISTIAN, Pavel, inz., C.Sc.; ANTOS, Kamil, doc., inz., C.Sc.; HULKA, Alexander, inz.; NEMEC, Pavel, clen korespondent Slovenskej akademie vied Drebnica, Ludivit, inz., C.Sc.

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1. Katedra organickej chémie and Katedra technickej mikrobiologie a biochemie Slovenskej vysekej školy technickej, Bratislava. Authors' address: Bratislava, Kollárovo nám. 2, Chemický pavilon Slovenskej vysekej školy technickej.

BETINA, Vladimir, inz., C.Sc., promovany biolog.; NEMEC Pavel,; BALAN, Jozef, inz.; KOVAC, Stefan, dr., inz., C.Sc.

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BETINA, Vladimir, inz., C.Sc., promovany biolog.; NEMEC Pavel,

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Chem zvesti 15 no.11/12:853-858 M-D '61.

1. Katedra technickej mikrobiologie a biochemie Slovenskej
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Slovenskej akademie vied (for "emec) Authors' address:
Bratislava, Kollarovo namesti 2, Chemicky pavilon, Slovenska
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1. Department of Technical Microbiology, Institute of Biology,
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1. Department of Technical Microbiology and Biochemistry, Faculty of
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NEMEC, P B

NEMETS, P. B. [~~Nemets~~, P. B.]; Galyama, D. V. [Haliama, D. V.]

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1. Department of Technical Microbiology and Biochemistry, Faculty of
Chemistry, Slovak College of Technology, Bratislava.
(ANTIBIOTICS) (PENICILLIUM) (FERMENTATION)
(GLUCOSE) (FRUCTOSE) (SUCROSE) (STARCH)
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1. Department of Technical Microbiology and Biochemistry, Faculty of
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(ANTIBIOTICS) (CANDIDA) (SACCHAROMYCES) (BACTERIOLOGICAL TECHNIQS)
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NEMEC, P.; BARATH, Z.; BETINA, V.; KUTKOVA, Marta

Antibiotic activity of fungi isolated from soil samples from
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1. Department of Technical Microbiology and Biochemistry, Faculty
of Chemistry, Slovak Technical College, Department of Microbiology,
Institute of Biology, Slovak Academy of Sciences, Bratislava.

BETINOVA, M.; NEMEC, P.⁴

Study of the sensitivity of antibiotics of staphylococci from patients, personnel and the environment of a surgical clinic. Bratisl. lek listy 44 no.6:336-344 '64.

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Citrinin isolation from *Penicillium notatum* Westling. Chem zvesti 18 no.2:128-139 '64.

1. Department of Technical Microbiology and Biochemistry, Slovak Higher School of Technology, Bratislava, Kollarovo namesti 2 (for Betina, Nemeec, Kutkova).
2. Biological Institute, Slovak Academy of Sciences, Department of Technical Microbiology, Bratislava, Dubravska cesta (for Balan).
3. Department of Organic Chemistry, Slovak Higher School of Technology, Bratislava, Kollarovo namesti 2 (for Kovac).
4. Corresponding member of the Slovak Academy of Sciences (for Nemeec).

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mikrobiolog. Petya Petya Petya Petya Petya Petya Petya Petya
Bratislava.

14822-66 EWA(j)/T/EWA(b)-2 JK

ACC NR: AP6006348

SOURCE CODE: CZ/0049/65/000/004/0274/0279

AUTHOR: Betinova, Milena (Graduate physician; Bratislava); Kemets, Pavel—Kemec, P. (Corresponding member SAV; Professor; Doctor; Bratislava)

ORG: Institute of Epidemiology and Microbiology, Bratislava; Department of Microbiology, Institute of Biology SAV, Bratislava

TITLE: Resistant Staphylococci found on personnel attending domestic animals receiving food with chlorotetracyclin additives

SOURCE: Biologia, no. 4, 1965, 274-279

TOPIC TAGS: man, bacteria, bacteriology, antibiotic

ABSTRACT: 130 attendants working with pigs and cattle were examined to find the presence of strains of Staphylococcus aureus in their noses. Isolated strains positive to coagulase were subjected to tests to determine their sensitivity to 8 antibiotics. 6.5% of the strains resisted penicillin, 2.1% streptomycin, and 19.1% chlorotetracyclin. The resistant strains do affect the attendants. The standard preparations were from the Research Institute of Antibiotics, Rostok. Orig. art. has: 1 figure and 2 tables. [JPRS]

SUB CODE: 06 / SUM DATE: 30Sep64 / ORIG REF: 003 / OTH REF: 004

Card 1/1

L 34536-66 T JK
ACC NR: AP6024717

SOURCE CODE: CZ/0049/66/000/002/0109/0117

AUTHOR: Betinova, Milena (Graduate physician; Candidate of sciences; Bratislava);
Nemec, Pavol—Nemets, P. (Professor; Doctor; Corresponding member SAV; Bratislava) ²⁶

ORG: [Betinova] Research Institute of Epidemiology and Microbiology, Bratislava
(Vyskumny ustav epidemiologie a mikrobiologie); [Nemec] Department of Microbiology,
Biological Institute, SAV (Oddelenie mikrobiologie Biologickeho ustavu SAV) ⁶

TITLE: Study of the resistance to antibiotics shown by staphylococcal groups
isolated from personnel working in the production of antibiotics ⁶

SOURCE: Biologia, no. 2, 1966, 109-117

TOPIC TAGS: antibiotic, erythromycin, streptomycin, penicillin, bacteriology

ABSTRACT: 128 groups of staphylococci were isolated from employees of a plant producing antibiotics. Their resistance to 8 antibiotics was studied: benzylpenicillin (PNC), streptomycin (STM), chlorotetracycline (CTC), chloramphenicol (CHL), erythromycin (ERY), bacitracin (BAC), kanamycin (KAN), and vancomycin (VAN). In groups isolated from employees in penicillin production 42% were resistant to PNC, 17 to STM, 15 to CTC, 2 to CHL and 2 to ERY. In CTC production the figures were 28% PNC, 24 to STM, 24 to CTC; where employees worked in fermentation the corresponding % were 45, 71, and 63. Standard preparations were made at the Research Institute of Antibiotics.

Restok. Orig. art. has: 3 figures and 4 tables. /JPRS: 35,814/
SUB CODE: 06 / SUM DATE: 30Jun65 / ORIG REF: 003 / SOV REF: 002 / OTH REF: 005
Card 1/1 ^{2915 2541}

NEMEC R. Chirurgické Oddelení st. Nemocnice v Domazlicích. Vymknutí šestého krčního obrátle se zaklíněním výbežku kloubních a kompresi míchy, zhojeno krvavou reposicí
A dislocation of the sixth cervical vertebra with compression of the spinal cord successfully operated on Rozhledy v Chirurgii, Prague 1950, 29/1 (11-14) Illus.6

A report on a successful operative reposition of the sixth cervical vertebra and fixation of the spinous process C6-7 with the help of a metallic loop.

Koppl - Prague

SO: Neurology & Psychiatry Section VIII Vol 3 No 7-12

NEMER, P., NEMKA, P.

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SC: Monthly List of East European Accessions, Vol. 2, #10 Library of Congress
October 1953, Incl.

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S '59

1. Fysiologicke oddelenie Ustavu pre vyskum vyzivy ludu, Bratislava.
Fysiologicky ustav Lekarskej fakulty UK, Bratislava.
(ATMOSPHERIC PRESSURE eff.)
(REFLEX CONDITIONED)